From:	Martinich, Jeremy
To:	Crimmins, Allison; Jantarasami, Lesley; Birnbaum, Rona; Hubbell, Bryan; DeAngelo, Ben; Fernando Garcia Menendez; Sarofim, Marcus; selin@mit.edu; Fann, Neal; Evarts, Dale; CurryBrown, Amanda; Dolwick, Pat; Fox, Tyler
Subject:	Briefing on MIT/CIRA AQ Analysis

Webinar link:
https://epa.connectsolutions com/r1w27f5mxs7/
Conference line: (b) (6)
code: (b) (6)

From: Baker, Kirk
To: Noelle Eckley Selin
Subject: FW: EPA federal post-doc announcement -- Air Quality Modeling of Wildland Fires
Date: Tuesday, December 22, 2015 4:34:00 PM

Noelle,

You all do great work with photochemical transport models so I wanted to make sure your group gets this post-doc position announcement we have to improve fire modeling in CMAQ. If you have anyone graduating in the next 3-6 months or recently graduated that might be a good fit please forward this or let me know and I will follow up with them.

Thank you!
Kirk

From: Pierce, Tom
Sent: Monday, December 21, 2015 10:48 AM
To: ORD-NERL-CED Seminar List
Subject: EPA federal post-doc announcement -- Air Quality Modeling of Wildland Fires

Please forward this to any interested and qualified applicants.

EPA Federal Post-Doc Position – Air Quality Modeling of Wildland Fires

EPA's Office of Research and Development is seeking applications from qualified post-doctoral candidates to perform research on modeling the impacts of wildland fires on regional air quality. The selected applicant will be assigned to the Atmospheric Model Applications and Analysis Branch of the Computational Exposure Division in Research Triangle Park, NC. Applications are being accepted until January 29, 2016.

A brief synopsis of the research opportunity is as follows:

While the characterization of anthropogenic emissions of particulate matter and its precursor species in the U.S. has improved significantly, smoke emissions from wildland fires are still poorly quantified and have nearly doubled over the past 20 years. Furthermore, climate and forest management experts predict an increase in the severity and occurrence of wildfires, which could pose an increased risk from air pollution on human health and sensitive ecosystems. EPA is thus seeking to conduct research to improve the predictive capability of its air quality modeling tools and data to more accurately simulate the impact of wildland fire smoke emissions on regional air quality.

The selected post-doctoral candidate will have the opportunity to work with a

multidisciplinary team that is being assembled to investigate wildland fire smoke emissions, and in particular, to improve the functionality of the Community Multiscale Air Quality (CMAQ) modeling system to simulate smoke from wildland fires. Depending on the expertise and interest of the post-doctoral candidate, research areas could include emissions characterization of smoke, vertical allocation (plume rise) of smoke, fine-scale applications of coupled fire/meteorological/air quality models, and evaluation and application of regional air quality model output to assess impacts of smoke on human health.

For more info on the position: http://cfpub.epa.gov/ordpd/PostDoc_Position.cfm?pos_id=919

For instructions on how to apply: http://cfpub.epa.gov/ordpd/PostDoc_Lab.cfm?Lab=NERL

Points of contact are pouliot.george@epa.gov and pierce.tom@epa.gov. Please note that preference will be given to U.S. citizens.

Thomas E Pierce | Associate Director | Computational Exposure Division | National Exposure Research Laboratory | U.S. Environmental Protection Agency | Research Triangle Park, NC | Phone: 919-541-1375 | Fax: 919-541-1379

From:	Baker, Kirk
To:	Tracey Holloway; Jason West; William Vizuete; Daniel Cohan; Henze, Daven; Jeff Collett; Erik Crosman; Trang Tran; Ann Marie Carlton; ted.russell@ce.gatech.edu; allen@che.utexas.edu; lmarr@vt.edu; charles-stanier@uiowa.edu; jaemeen-baek@uiowa.edu; Shannon Leigh Capps; jrturner@wustl.edu; Noelle Eckley Selin; djacob@fas.harvard.edu; jana.milford@colorado.edu; spyros@andrew.cmu.edu; petera@andrew.cmu.edu; mjkleeman@ucdavis.edu; blamb@wsu.edu; ravan.ahmadov@noaa.gov; stuart.a.mckeen@noaa.gov
Cc:	Napelenok, Sergey; Roselle, Shawn; Kelly, James
Subject:	post-doc position opening at US EPA Office of Research and Development
Date:	Friday, June 19, 2015 12:01:00 PM

I wanted to reach out to as many different institutions as possible about a post-doc position we have open at US EPA in the Office of Research and Development. We are looking for someone with numerical modeling skills and ideally knowledge in atmospheric chemistry related to ozone and particulate matter. There is quite a bit of latitude in terms of projects but one component of this position would be to apply, evaluate, and where necessary improve the ozone and particulate matter source apportionment implementation in the CMAQ photochemical grid model. There is a good deal of flexibility in terms of the project beyond what is included in the position description at the link below.

Please forward this on to others in your group or other groups that may have interest. I am happy to answer any questions as can Sergey Napelenok.

The link to the announcement through the National Research Council is below.

http://nrc58.nas.edu/RAPLab10/Opportunity/Opportunity.aspx?LabCode=22&ROPCD=220110&RONum=B7974

Thank you,
Kirk Baker

U.S. Environmental Protection Agency
Research Triangle Park, NC